TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-24260-1

Job Description: Aspire Oakland

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Afsaneh Salimpour
Project Manager I
11/25/2009 2:04 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com
11/25/2009

CA ELAP Certification # 2496
The Chain(s) of Custody are included and are an integral part of this report.

A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

Comments
No additional comments.

Receipt
No sample times on COC.

All other samples were received in good condition within temperature requirements.

GC Semi VOA
Method(s) 8082: The continuing calibration verification (CCV) for AR1016 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8082: Due to the level of dilution required, ms/msd recoveries are not reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-24260-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-24260-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Ultrasonic Extraction	TAL SF		SW846 3550B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: LFR, Inc. Job Number: 720-24260-1

Method	Analyst	Analyst ID
SW846 8082	Cavalli, Evan	EC

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-24260-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-24260-1	EXC PCB3 N-BOTTOM4'	Solid	11/21/2009 0000	11/23/2009 1035
720-24260-2	EXC PCB3 S-BOTTOM4'	Solid	11/21/2009 0000	11/23/2009 1035

Client: LFR, Inc. Job Number: 720-24260-1

Client Sample ID: **EXC PCB3 N-BOTTOM4'**

Lab Sample ID: 720-24260-1 Date Sampled: 11/21/2009 0000
Client Matrix: Solid Date Received: 11/23/2009 1035

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61960	Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61913	Initial Weight/Volume:	30.20 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	11/25/2009 0403		Injection Volume:	1 uL
Date Prepared:	11/23/2009 1349		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		32 - 112
DCB Decachlorobiphenyl	83		2 - 122

Client: LFR, Inc. Job Number: 720-24260-1

Client Sample ID: **EXC PCB3 S-BOTTOM4'**

Lab Sample ID: 720-24260-2 Date Sampled: 11/21/2009 0000
Client Matrix: Solid Date Received: 11/23/2009 1035

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61960	Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61913	Initial Weight/Volume:	30.08 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	11/25/2009 0425		Injection Volume:	1 uL
Date Prepared:	11/23/2009 1349		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		32 - 112
DCB Decachlorobiphenyl	89		2 - 122

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: LFR, Inc. Job Number: 720-24260-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-61913					
LCS 720-61913/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 720-61913/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-61913/1-A	Method Blank	T	Solid	3550B	
720-24260-1	EXC PCB3 N-BOTTOM4'	T	Solid	3550B	
720-24260-2	EXC PCB3 S-BOTTOM4'	T	Solid	3550B	
Analysis Batch:720-61960					
LCS 720-61913/2-A	Lab Control Sample	T	Solid	8082	720-61913
LCSD 720-61913/3-A	Lab Control Sample Duplicate	T	Solid	8082	720-61913
MB 720-61913/1-A	Method Blank	T	Solid	8082	720-61913
720-24260-1	EXC PCB3 N-BOTTOM4'	T	Solid	8082	720-61913
720-24260-2	EXC PCB3 S-BOTTOM4'	T	Solid	8082	720-61913

Report Basis
T = Total

Client: LFR, Inc.

Job Number: 720-24260-1

Method Blank - Batch: 720-61913

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 720-61913/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/24/2009 2213
Date Prepared: 11/23/2009 1349

Analysis Batch: 720-61960
Prep Batch: 720-61913
Units: ug/Kg

Instrument ID: Agilent PCB 2
Lab File ID: m1124032.d
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		50
PCB-1221	ND		50
PCB-1232	ND		50
PCB-1242	ND		50
PCB-1248	ND		50
PCB-1254	ND		50
PCB-1260	ND		50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	80	32 - 112
DCB Decachlorobiphenyl	67	2 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24260-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61913

Method: 8082
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-61913/2-A	Analysis Batch:	720-61960	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61913	Lab File ID:	m1124033.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.14 g
Date Analyzed:	11/24/2009 2235			Final Weight/Volume:	10 mL
Date Prepared:	11/23/2009 1349			Injection Volume:	1 uL
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 720-61913/3-A	Analysis Batch:	720-61960	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61913	Lab File ID:	m1124034.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.18 g
Date Analyzed:	11/24/2009 2257			Final Weight/Volume:	10 mL
Date Prepared:	11/23/2009 1349			Injection Volume:	1 uL
				Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	103	107	69 - 120	4	20		
PCB-1260	103	103	73 - 114	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	91	94	32 - 112
DCB Decachlorobiphenyl	72	74	2 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

CHAIN OF CUSTODY / ANALYSES REQUESTED

120701

SAMPLE COLLECTOR:
LFR
1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500 Fax: (510) 652-2246

PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
003-09155-09	P&Q 2	11/21/09	AMH	Nº 203419

PROJECT NAME: Aspire - Oakland

SAMPLER (Signature):

EXC PCB3

SAMPLE ID.	DATE	TIME	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHmo (EPA 8015M)	TPHg (EPA 8015M)	BTEX (EPA 8021/8721)	VOCs (EPA 8260/624)	ASTM (EPA 6010/7000)	ethylene dibromide	ethylene dichloride	PCB	SVOC/PAH (8270C)	Standard	RUSH: 48 Hour	HOLD
~~EXC-PCB3-N-Bottom 4'~~	~~11/21/09~~			1	X		X	X	X	X	X	X	X	X	X	X			
~~EXC PCB3 E1 Sidewall 2'~~																			
~~EXC PCB3 E2 Sidewall 2'~~																			
~~EXC PCB3 E3 Sidewall 2'~~																			
~~EXC PCB3 S Sidewall 2'~~																			
~~EXC PCB3 W1 Sidewall 2'~~																			
~~EXC PCB3 W2 Sidewall 2'~~																			
~~EXC PCB3 W3 Sidewall 2'~~																			
EXC PCB3 N-Bottom 4'															X				
EXC PCB3 S-Bottom 4'															X				

TAT: 48 Hour TAT

*VOCs: ☐ 8260 List ☐ 8240 List ☐ 8010 List ☐ 624 List
**Metals: ☐ CAM17 ☐ RCRA ☐ LUFT

RUSH

1.6°C

SAMPLE RECEIPT: ☐ Intact ☐ Cold ☐ On Ice ☐ Ambient — Cooler Temp: — Cooler No: — Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT:

LAB REPORT NO.:

FAX COC CONFIRMATION TO:

ANALYTICAL LABORATORY:

FAX RESULTS TO:

SEND HARDCOPY TO:

SEND EDD TO: EMY.LABEDDS.COM

RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
(SIGNATURE)	(SIGNATURE)	(SIGNATURE)
(DATE) 11/23/09	(DATE) 11/23/09	(DATE)
(PRINTED NAME) AMH	(PRINTED NAME) Sonia Mathe	(PRINTED NAME)
(TIME) 10AM	(TIME) 1035	(TIME)
(COMPANY) LFR	(COMPANY) TASF	(COMPANY)
RECEIVED BY: 1	**RECEIVED BY:** 2	**RECEIVED BY (LABORATORY):** 3
(SIGNATURE)	(SIGNATURE)	(SIGNATURE)
(DATE) 11/23/09	(DATE) 11-23-09	(DATE)
(PRINTED NAME) Sonia Mathe	(PRINTED NAME) Mulley	(PRINTED NAME)
(TIME) 1000	(TIME) 1035	(TIME)
(COMPANY) TASF	(COMPANY)	(COMPANY)

Shipping Copy (White) File Copy (Yellow) Field Copy (Pink)

CHAIN of CUSTODY - ANALYSES FORM.CDR 5/2003

11/25/2009

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-24260-1

Login Number: 24260

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	